

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



PLM-13.5-3XCAT5e-NAC Pneumatic Light Mast

Length: 5 feet - 13.5 feet

Weight: 35 lbs

Capacity: 75 lbs

Materials: Aluminum

Wiring:(3) CAT5e cables, positive and negative power cables - 12" whip top and bottom

Sections: (4) 3.9' sections

Diameter: 3.1-3.5", 2.5-2.76", 1.9-2.2", 1.3-1.7"

Operation: Pneumatic - Electric Air Compressor

Threaded Fittings: M13 x 1.50

Mounting: Square, Four Hole Bracket

Shipping: Common Freight

Shipping Weight: 60 lbs

Options: Length- Mounting-Fixtures/ Call Us for Special Requirements

Quick Summary

5-13.5 Ft Light Mast

Aluminum Construction

Pneumatic Operation

Special Orders- Requirements

Contact us for special requirements

Phone: 1-214-616-6180

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

The Larson Electronics PLM-13.5-3XCAT5e-NAC Pneumatic Light Mast provides a safe and effective way for operators to quickly deploy lights, security cameras and other equipment to elevations up to 13.5 feet in height.

This rugged telescoping pneumatic light tower mast is designed to allow operators to quickly and safely deploy lighting and other electrical equipment in locations where this equipment must be elevated to heights up to 13.5 feet for effective application. This light boom can be extended to 13.5 feet for maximum area coverage and collapsed to 5 feet to bring equipment closer to the target area as well as for transport and storage.

The tower is constructed of high strength, heat treated aluminum tubing for strength and durability. This tower is comprised of four sections, and includes a locking top mounting plate for easy removal of lights or cameras. The mast is elevated using an air compressor, sold separately. An air release valve located at the base of this pneumatic mast allows operators to lower the tower. The 16/3 AWG wiring is internally routed, meaning no loose wiring when the tower is collapsed and no exposed wiring to fray or become damaged. The PML-13.5-NAC includes an internal wiring harness with (3) CAT5e cables, (1) positive (+), and (1) negative (-) cable ran within the mast and 12 inches extending from both ends of the tower.

[Click Photo to Enlarge](#)

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These light masts are typically mounted to trailers or other stable surfaces via square mounting base-plate which has been drilled to accept four mounting bolts. This light tower weighs 35 lbs, and can easily support and lift 30 lbs fixtures. The entire tower assembly is shipped via common freight carrier and when shipped measures approximately 6 feet long, 2 feet wide, 2 feet tall and weighs 60 lbs. Larson Electronics is a manufacturer and as such can custom tailor these units to the customer's requirements with longer sections and larger mounting plates.

Suggested Applications: Lighting and security camera deployment. We can also equip this mast with 1000W or 1500W Metal Halide lights or a wide variety of high powered LED lights with comparable power, including the [LEDLB-200X2E](#), [LEDLB-160X2E](#) or [LEDLB-80x2E](#).



Frequently Asked Questions (FAQ)



Links (Click on the below items to view):

- [ISO 9001 Certification](#)
- [Business Certificate](#)